

REMARKS

Summary

Claims 2, 3, 6 – 12, 14, and 16 – 74 are withdrawn.

Claims 1, 4 – 5, 13, 15, 75 – 83 have been elected.

Election

The Office Action stated that the present application is subject to restriction according to the following:

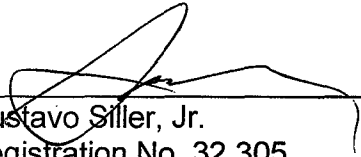
- I. Claim 2. A CPP GMR head comprising a single pinned magnetic layer with an antiferromagnetic (AFM) layer in contact with the rear end surface;
- II. Claims 1, 4 – 5, 13, 15, 75 – 83. A CPP GMR head comprising a single pinned magnetic layer with an AFM layer in contact with the upper surface of the rear portion;
- III. Claim 3. A CPP GMR head comprising a single pinned magnetic layer with an AFM layer in contact with the lower surface of the rear portion;
- IV. Claims 6 – 12, 14, 16 – 74. A CPP GMR head comprising upper and lower pinned magnetic layers with an AFM layer for pinning the magnetization direction of both the upper and lower pinned magnetic layers.

Applicants hereby elect Group II (Claims 1, 4 – 5, 13, 15, 75 – 83) and withdraw claims 2, 3, 6 – 12, 14, and 16 - 74. This election is made with traverse.

Conclusion

If the Examiner is unable to allow the application in the next Office Action and believes that a telephone interview would be helpful to resolve any issues, he is respectfully requested to contact the undersigned.

Respectfully submitted,



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